

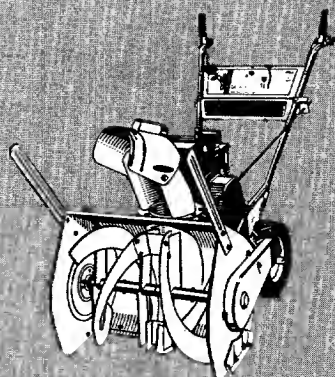
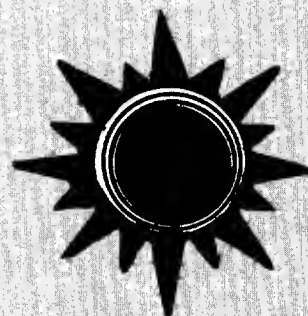
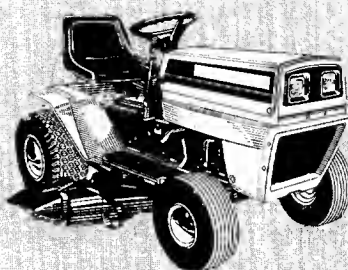
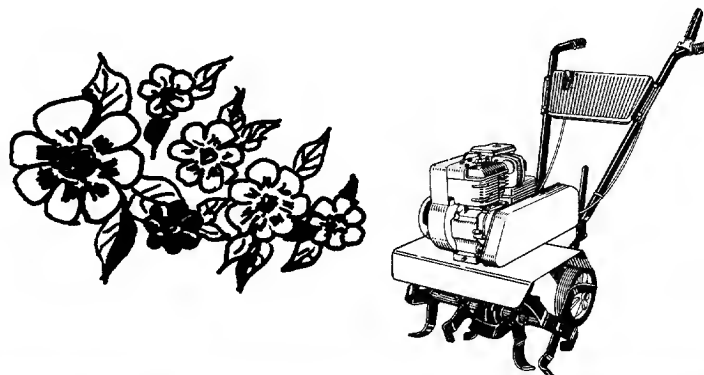
OWNER'S MANUAL

20" AND 22" SELF- PROPELLED ROTARY MOWERS

Model Numbers
122-270A
122-280A

Important:
Read Safety Rules and
Instructions Carefully

Thank you for purchasing an
American built product.



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LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



WARNING

TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.



WARNING

To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

TRAINING

1. It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.
3. Read this Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
4. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction and cause injury.
4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade has stopped completely. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause injury.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.

OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury.
3. Stop the blade when crossing gravel drives, walks or roads.

MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

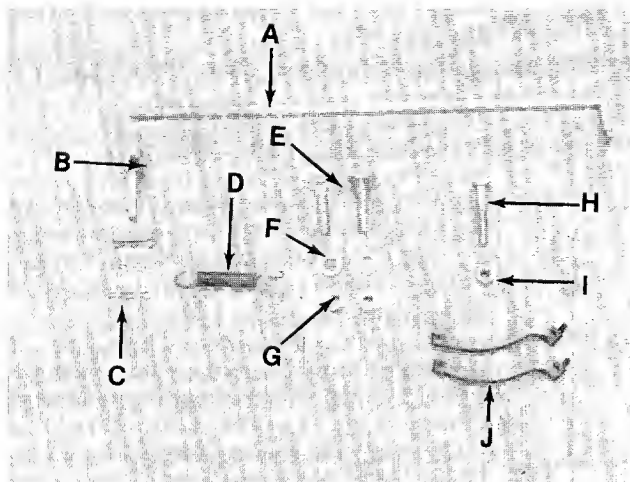


FIGURE 1.

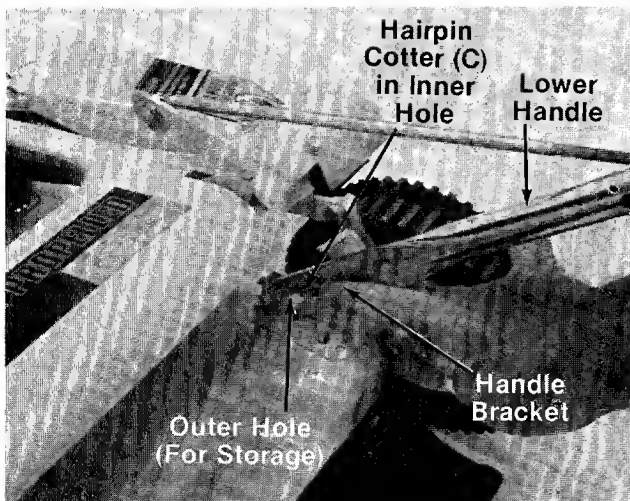


FIGURE 2.

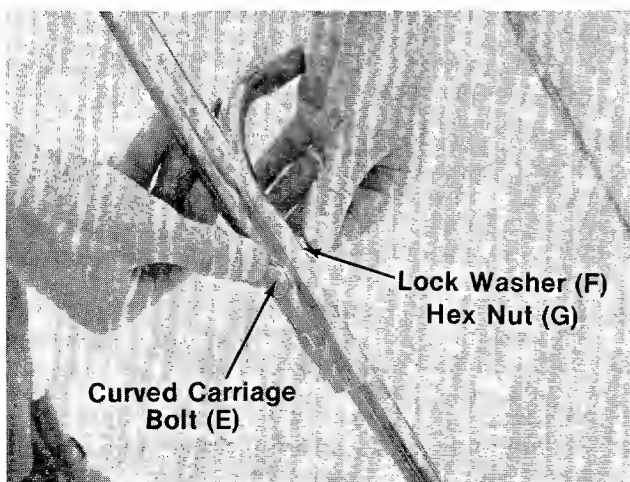


FIGURE 3.

ASSEMBLY INSTRUCTIONS



NOTE

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see separate engine manual for proper fuel and engine oil recommendations.

← Contents of hardware pack: (See Figure 1)

- A (1) Clutch Rod
- B (1) Ferrule
- C (3) Hairpin Cotters
- D (1) Spring
- E (2) Curved Head Carriage Bolts
- F (2) Lock Washers 5/16" I.D.
- G (2) Hex Nuts 5/16-18 Thread
- H (1) Hex Bolt 1/4-20 x 1.50" Long
- I (1) Hex Lock Nut 1/4-20 Thread
- J (2) Cable Ties

1. Remove lawn mower and loose parts from carton. Make certain all parts and literature have been removed from the carton before the carton is discarded.
2. Extend throttle control which is attached to the engine at the rear of the mower and place on the floor. Be careful not to bend or kink control wire.
3. Fasten lower handle in position over weld pins in handle mount brackets on deck. Secure with hairpin cotters (C) in inner hole on weld pin. See figure 2.



NOTE

There are two (2) holes in the handle mount brackets. Place the hairpin cotter in the inner hole for operation. Outer hole is for storage.



NOTE

It may be necessary to spread the ends of the lower handle outward slightly to obtain a tight fit against the handle mount brackets.

- ← 4. There are two height positions for the handle. Place upper handle in position over lower handle, selecting hole for either high or low position. Refer to figure 13. Secure upper handle with two curved carriage bolts (E), lock washers (F) and hex nuts (G). See figure 3.

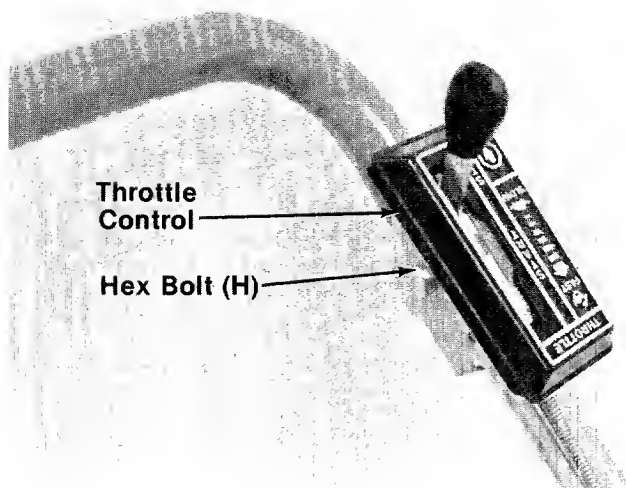


FIGURE 4.

5. Place the throttle control in position on left side of upper handle. Secure with hex bolt (H) and lock nut (I). See figure 4.



Reference to right or left hand side of the mower is observed from the operating position.

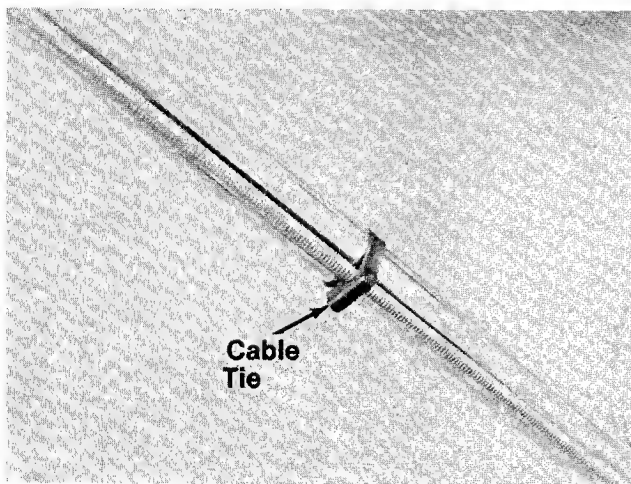


FIGURE 5.

6. Secure throttle control wire to upper and lower handles with cable ties (J). See figure 5.



The clutch rod must be readjusted each time the cutting height is changed. Therefore, set the desired cutting height (refer to page 8) before proceeding with the clutch rod assembly.

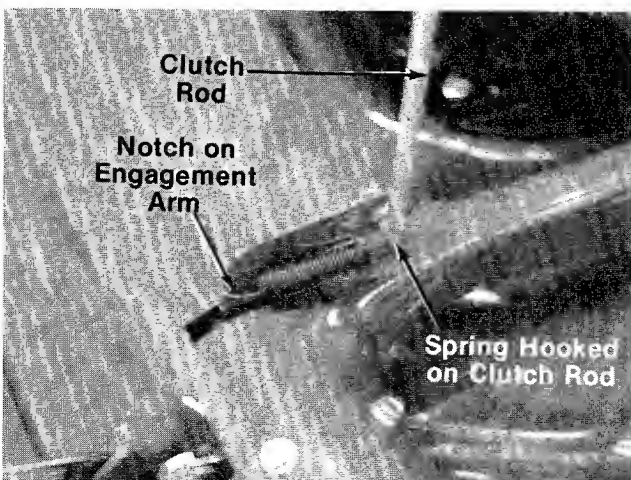
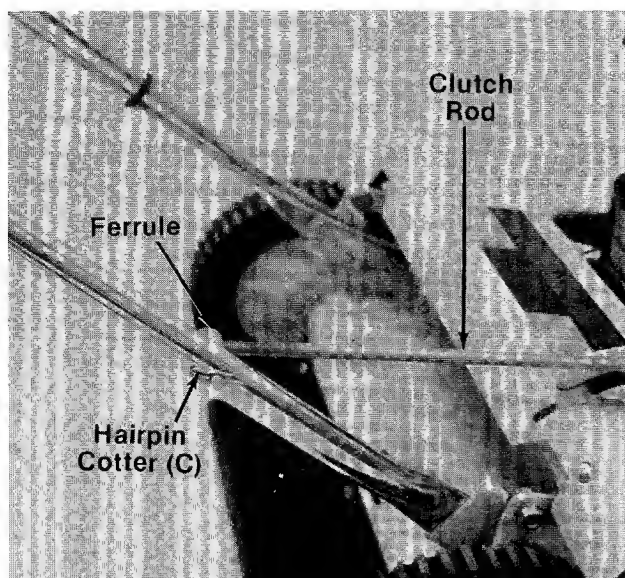


FIGURE 6.

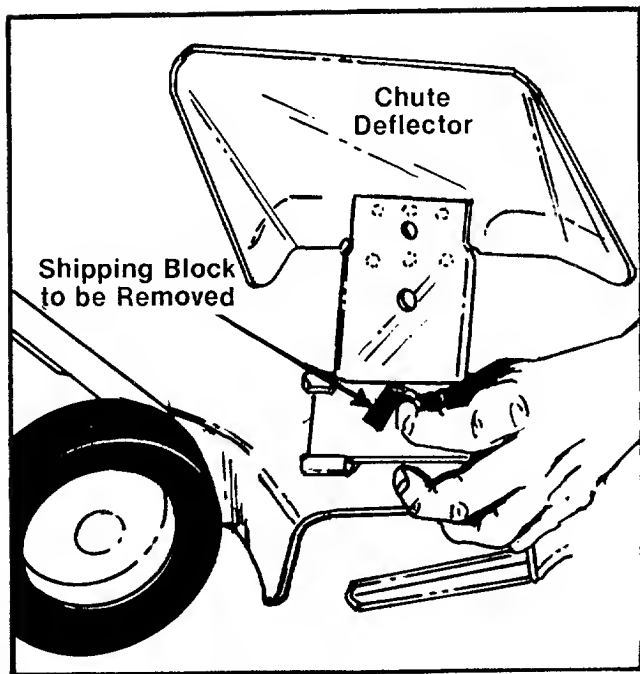
7. Thread the ferrule (B) onto the threaded end of the clutch rod (A) a few turns.
8. Hook the short end of the spring (D) into the notch on the engagement arm. See figure 6. Hook the longer end of the spring into the notch on the bent end of the clutch rod (A).
9. Pull the clutch rod forward and slip it into the slot on the engagement arm as shown in figure 6.



10. Pivot the clutch rod back. Thread the ferrule onto the clutch rod until the ferrule lines up with the hole in the lower handle. Secure ferrule in handle with hairpin cotter (C) as shown in figure 7. Check for 1/16" clearance between drive pinion and front wheels. **Refer to Clutch Rod Adjustment** on page 8.

11. Check all nuts and bolts for correct tightness.

FIGURE 7.



CAUTION

Please note that the chute deflector on your mower is in an upright position. It is held in that position by a shipping block. This block is used for shipping purposes only. It must be removed and discarded before your mower is put into operation. See figure 8.

FIGURE 8.

OPERATION



FIGURE 9.

Keep hands and feet away from the chute area on cutting deck. See figure 9.



NOTE

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results, raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

1. Fill sump with oil as instructed in the separate engine manual packed with your unit.
2. Fill fuel tank, using clean, fresh, leaded **regular** grade automotive gasoline. Fill tank completely!

DO NOT MIX OIL WITH GASOLINE.

3. Before each use, check drive assembly adjustment. When the handle is lifted, the clutch rod is moved to the self-propelled position. The black nylon drive pinions should mesh simultaneously with the gear tread tires. When the handle is released, the pinions should clear the wheels by approximately 1/16". See clutch rod adjustment on page 8 for further details.



WARNING

To make sure the clutch rod has been adjusted properly, take the following precaution when using your unit for the first time after making a clutch rod adjustment. Face the mower against a solid object such as a wall, fence, etc. Start the unit, and if it moves forward with the handle down in the freewheeling position, shut the engine off promptly. Refer to page 8 for further instructions on clutch rod adjustment.

4. When ready to start engine, place throttle control lever on handle in "START" position. Make certain handle is all the way back in the free-wheeling position. Start engine in accordance with instructions in engine manual. After engine starts, move throttle control lever on handle to desired engine speed.

The engine is stopped by placing control lever on handle in the "STOP" position. Disconnect and ground the spark plug wire against the engine to prevent accidental starting while the equipment is unattended.

5. To engage the drive mechanism, move the handle forward. The drive pinions will engage with the gear tread tires, and the unit will self-propel.

To stop the forward drive, release the handle. The unit will be free-wheeling. Self-propelled drive is resumed when handle is raised.

When engaging the self-propelled mechanism, a slight forward push on the mower as the drive pinions and the gear tread tires mesh will add to smoother and quieter operation. In addition to a smoother operation, it will add substantially to the service life of both the tires and the drive pinions.

Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.



IMPORTANT

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

USING YOUR ROTARY MOWER

For the best results, do not cut wet grass because it tends to stick to the underside of the mower, preventing proper discharge of grass clippings. If wet grass must be cut, reduce walking speed to help distribute the clippings more effectively.

New grass, thick grass or wet grass may require a narrower cut. Blade speed should be adjusted to the condition of the lawn.

The best mowing pattern is one that allows the clippings to discharge towards the uncut part of the lawn. This permits recutting of the clippings to further pulverize them. When cutting high weeds, discharge towards cut portion then recut at right angles to first direction.

For best results, cut off one-third or less of the total length of the grass. Lawn should be cut in the fall as long as there is growth.

ADJUSTMENTS



CAUTION

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

CUTTING HEIGHT

Adjustment may be made by removing and moving axle bolts to desired position. Cutting heights will be raised as axle bolts are moved to a lower hole and lowered as axle bolts are moved to a higher hole. All axle bolts must be mounted in the same relative position to the deck.

When changing the height of the front wheels, the cupped side of the bellevue washers must be against the deck.

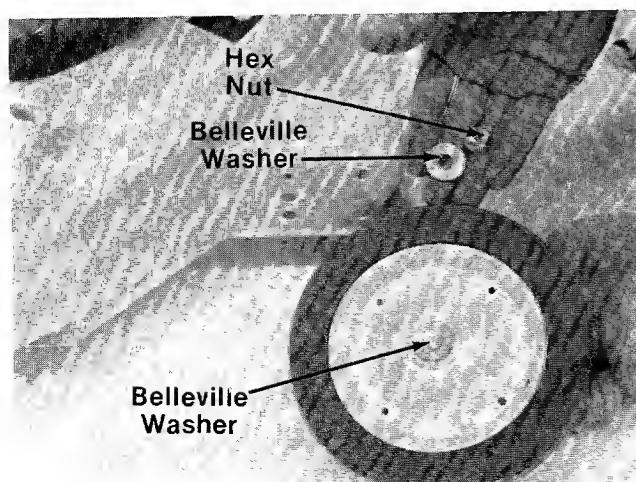


FIGURE 10.

To change the height of the rear wheels, proceed as follows.

1. Remove the hairpin cotter from ferrule, located on clutch rod.
2. Slip the ferrule out of the lower handle.
3. With an adjustable wrench, remove the hex nut, lock washer, axle bolt, belleville washer and rear wheel.
4. Reassemble in selected hole. The belleville washer must be assembled between the link and wheel spacer, with the cupped side of the washer against the deck. See figure 11.

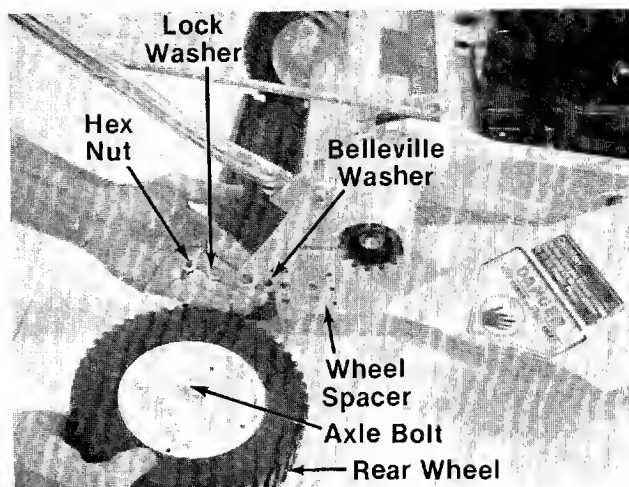


FIGURE 11.

5. Reassemble clutch rod, and check the clutch rod adjustment.



NOTE

Clutch rod **must** be adjusted each time cutting height is changed.

CLUTCH ROD ADJUSTMENT

The drive pinion should be approximately 1/16" from the drive wheels when the clutch is disengaged (handle is **not** pushed forward). See figure 12.

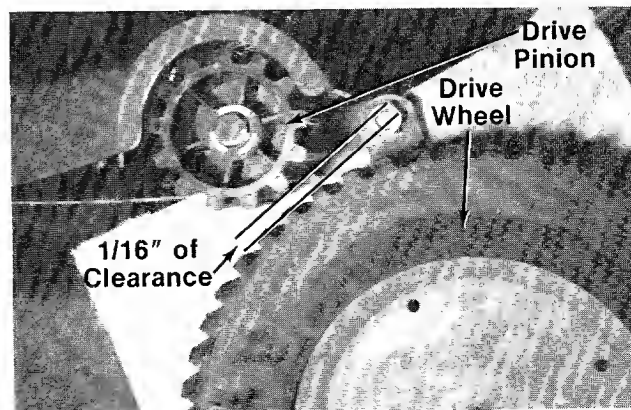


FIGURE 12.

If there is not 1/16" of clearance, proceed as follows:

1. Remove the cotter pin. See figure 7.
2. Pull the clutch rod and ferrule out of the lower handle.
3. Thread the ferrule on or off the rod as necessary.
4. Place ferrule back in position and secure with cotter pin. If the engagement and clearance are still not correct, repeat the above steps until 1/16" of clearance is obtained and the drive mechanism engages properly.

HANDLE POSITION

The upper handle can be adjusted to a high or low position. The adjustment is made by removing the hex nuts, lock washers and curved head bolts and reassembling in the other position. A 1/2" wrench is required. See figure 13.

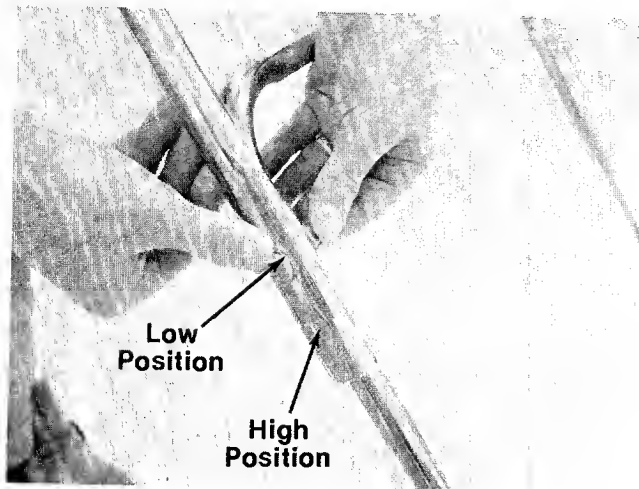


FIGURE 13.

CHAIN ADJUSTMENT

1. Loosen (do not remove) the hex bolt on each side of the pinion pivot plate. See figure 14.

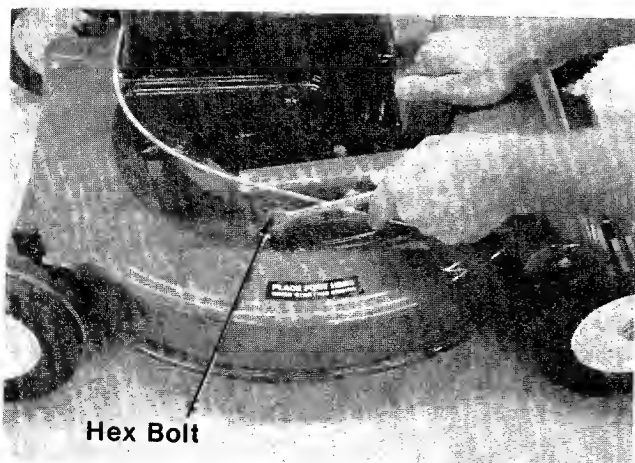


FIGURE 14.

2. Pull pivot plate backward by hand. Do not force.
3. Tighten hex bolts and check chain tension. Repeat adjustment if necessary.

THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, screw securing throttle control wire assembly at engine.
2. Move throttle control lever on handle to "FAST" position.
3. Move lever, to which control wire is fastened at engine, to full open position and retighten screw to secure throttle control wire assembly.

CARBURETOR ADJUSTMENTS



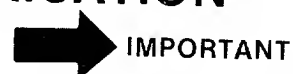
If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

All carburetor adjustments should be made with the air cleaner on engine. Air cleaner mounting screw must be in carburetor when engine is run. Best adjustment is made with a fuel tank half full of gasoline.

Refer to the separate engine manual packed with your mower for carburetor adjustment information.

LUBRICATION



Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

Wheels—The wheels may have optional ball bearings that require periodic lubrication. Place a few drops of light oil on each bearing at the start of each mowing season and again every 30 days. If the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

Engine—Follow engine manual for lubrication instructions.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

Chain—The chain should be lubricated periodically with a few drops of light oil to prevent any rust or binding. Use very little or no oil if unit is being used in a dusty or sandy area.

Chute Deflector—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Deflector must work freely.

MAINTENANCE

CUTTING BLADE

A. Removal for Sharpening or Replacement



Be sure to disconnect and ground the spark plug wire before working on the cutting blade to prevent accidental engine starting.

1. Remove the large bolt and lock washer which holds the blade and adapter to the engine crankshaft. See figure 15.

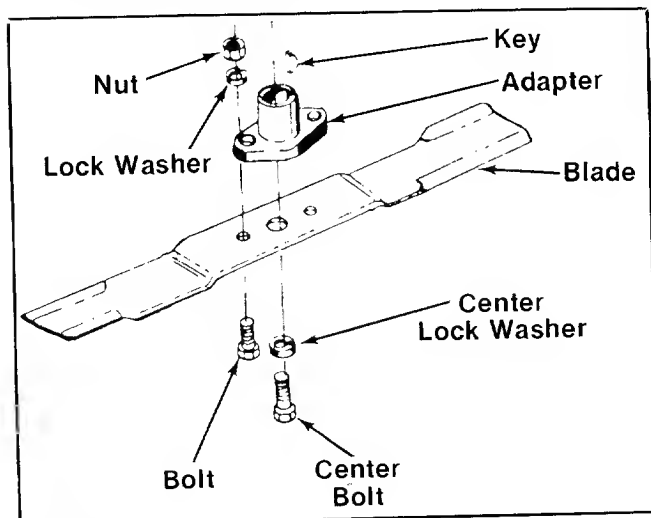


FIGURE 15.

2. Remove the blade and adapter from the crankshaft. Be careful not to lose the key on the crankshaft.
3. If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds, may cause damage to the mower, and could break, causing personal injury.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly. See figure 16.



It is recommended that the blade always be removed from the adapter for the best test of balance.

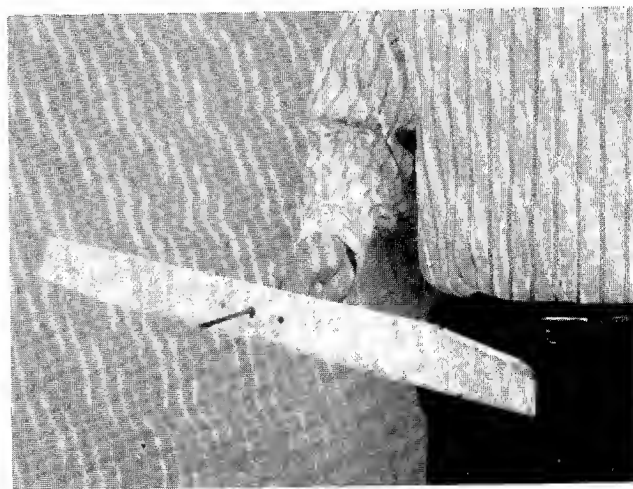


FIGURE 16.

C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the engine crankshaft and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position. Make certain key is in place on the crankshaft.

Blade Mounting Torque

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max.

5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, **ALL** nuts and bolts must be checked periodically for correct tightness.

DECK

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.



CAUTION

Do not direct the stream of water at a hot engine as damage to the engine may result. Be sure spark plug wire is disconnected.

ENGINE OIL

Check oil level before starting engine and after every 5 hours of operation. ADD oil as necessary to keep level full to point of overflowing or to full mark on dipstick. Before removing oil fill plug or dipstick, clean area around opening to prevent dirt from entering oil fill hole. Engine should be in a level position when checking oil.

Change oil after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained thru drain on bottom of engine. To drain completely, always place engine level when draining thru the bottom. Refer to separate engine manual for engine oil recommendations and crankcase capacity.

AIR CLEANER

Service air cleaner every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced.

To service the air cleaner, refer to the separate engine manual packed with your unit.

SPARK PLUG

The spark plug should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specifications.

OFF-SEASON STORAGE

The following steps should be taken to prepare lawn mower for storage.

1. Clean and lubricate mower thoroughly as described in the lubrication instructions.
2. Refer to engine manual for correct engine storage instructions.
3. Coat mower's cutting blade with chassis grease to prevent rusting.
4. Place blocks under deck to raise tires clear of floor.
5. Store mower in a dry, clean area.

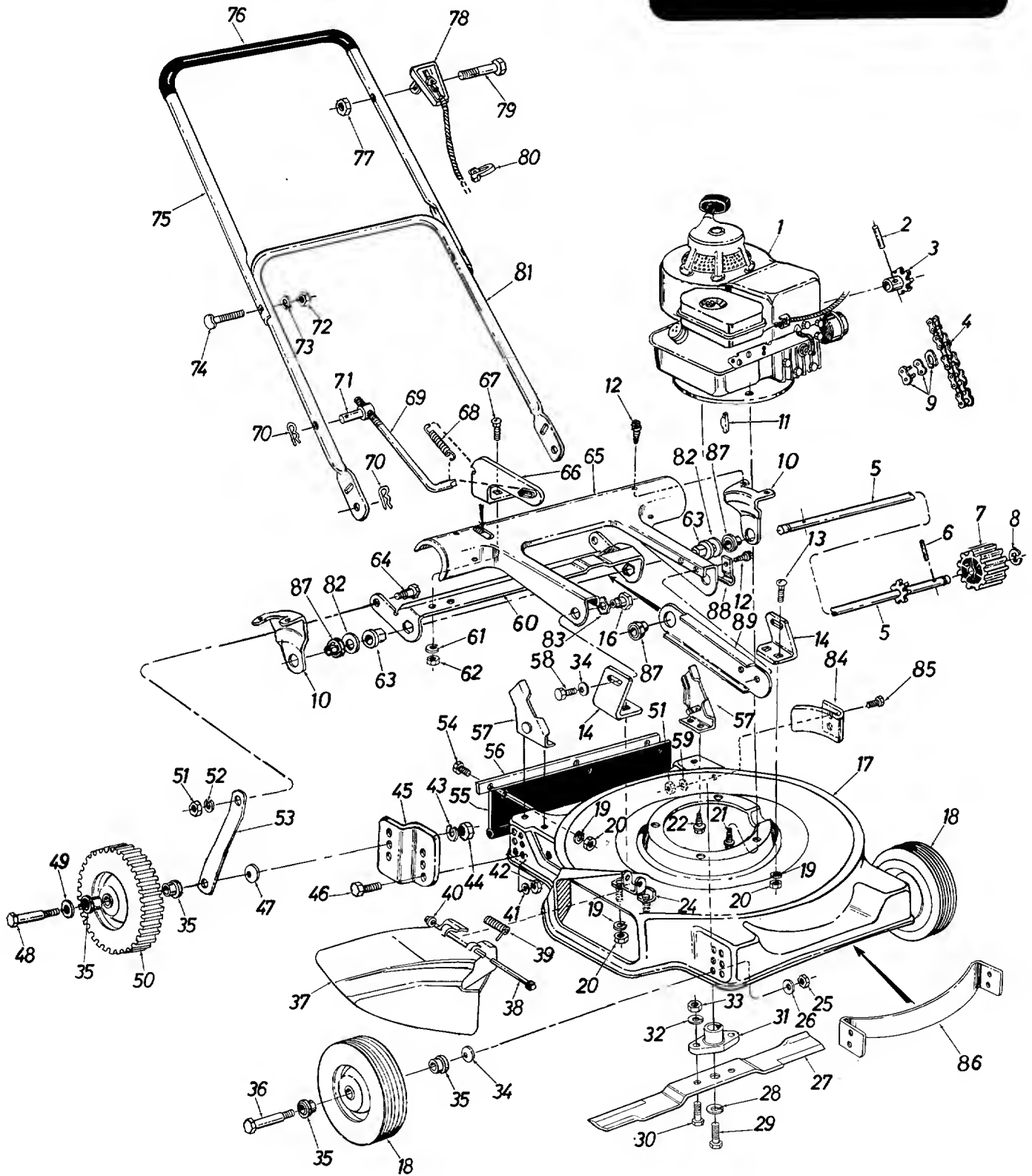


NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

Models 270 and 280

IF YOU WRITE TO US ABOUT THIS ARTICLE
OR IF YOU ORDER REPLACEMENT PARTS AL-
WAYS MENTION THIS MODEL & SERIAL NO
MODEL



Models 270 and 280

PARTS LIST FOR MODELS 270 AND 280 ROTARY MOWERS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine		45	14761		Wheel Brkt.	
2	715-0247		Spiral Pin 3/16 Dia. x 1.00 Lg.		46	710-0216		Hex Bolt 3/8-16 x .75" Lg.	
3	713-0308		10 Tooth Sprocket Ass'y.	N	47	736-0105		Bell-Wash. .400 I.D. x .88 O.D. x .06	
4	713-0311		#48 Chain 1/2" Pitch		48	738-0533		Shld. Bolt .498 Dia. x 1.64" Lg.	
	713-0310		50 Links (280)		49	736-0192		Fl-Wash. .531 I.D. x .93 O.D. x .10 Thk.	
			#48 Chain 1/2" Pitch		50	734-0538		Wheel Ass'y. Comp. 8 x 1.75	
5	738-0530		46 Links (270)		51	712-0267		Hex Nut 5/16-18 Thd.*	
			Pinion Shaft w/7 Tooth Sprocket	N	52	736-0329		L-Wash. 1/4" I.D.*	
6	715-0246		Spiral Pin 3/16 Dia. x 1.25 Lg.		53	14760		Link 4.57 x .88	
7	731-0393		Drive Pinion 13 Teeth		54	710-0289		Hex Bolt 1/4-20 x .50" Lg.*	
8	716-0104		E-Ring for .500 Dia. Shaft		55	731-0575		Flap Ass'y.	N
9	713-0116		#48 Master Link		56	14531		Retaining Strip	N
10	14757		Axle Brkt.	N	57	14164		Handle Brkt. R.H.	
11	714-0365		No. 6 Hi-Pro Key 5/32 x .62 Dia.		58	710-0168		Hex Bolt 3/8-16 x .50" Lg.*	
12	710-0776		Hex AB-Tap Scr. 1/4 x 5/8" Lg.		59	736-0242		Bell-Wash. .33 I.D. x .860 O.D. x .060	
13	710-0167		Carriage Bolt 1/4-20 x .50" Lg.		60	14756		Cam	N
14	14759		Pivot Bracket	N	61	736-0329		L-Wash. 1/4" I.D.*	
15	14165		Handle Brkt. Ass'y.—L.H.		62	712-0287		Hex Nut 1/4-20 Thd.*	
16	738-0529		Shld. Nut .625 Dia. x .165 Lg.	N	63	741-0324		Hex Bearing	
17	14484		20" Deck Ass'y. (270)		64	738-0155		Shld. Bolt .437 Dia. x 1.62 Lg.	
	14490		22" Deck Ass'y. (280)	N	65	14754		20" Pinion Pivot Cover (270)	
18	734-0892		Wheel Ass'y.—7 x 1.75			14755		22" Pinion Pivot Cover (280)	N
19	736-0329		L-Wash. 1/4" I.D.*		66	14758		Engagement Arm	N
20	712-0287		Hex Nut 1/4-20 Thd.*		67	710-0167		Carriage Bolt	
21	710-0654		Hex Wash. Hd. TT-Tap Scr. 3/8-16 x .88" Lg.		68	732-0418		Extension Spring	N
22	710-0603		Hex Wash. Hd. B-Tap Scr. 5/16-18 x .50" Lg.		69	747-0392		Engagement Rod	N
24	14428		Deflector Hinge Plate Ass'y.		70	714-0104		Hairpin Cotter	
25	712-0798		Hex Nut 3/8-16 Thd.*		71	711-0570		Ferrule	
26	736-0105		Bell-Wash. .400 I.D. x .88 O.D. x .06		72	712-0267		Hex Nut 5/16-18 Thd.*	
27	742-0123		20" Blade (270)		73	736-0119		L-Wash 5/16" I.D.*	
	742-0125		22" Blade (280)		74	710-0671		Curved Hd. Carriage Bolt 5/16-18 x 1.38" Lg.	
28	736-0217		L-Wash. 3/8" I.D.—H.D.		75	749-0465		Upper Handle (Painted)	
29	710-0459		Hex Bolt 3/8-24 x 1.50" Lg.			749-0385		Upper Handle (Chrome)	
30	710-0117		Hex Bolt 5/16-24 x 1.0" Lg.		76	718-0145		Grip	
31	748-0189		Blade Adapter		77	712-0107		Hex L-Nut 1/4-20 Thd.	
32	736-0119		L-Wash 5/16" I.D.*		78	746-0315		Throttle Control Ass'y. Comp.	
33	712-0123		Hex Nut 5/16-24 Thd.*		79	710-0606		Hex Bolt 1/4-20 x 1.50" Lg.*	
34	736-0105		Bell-Wash. .400 I.D. x .88 O.D. x .06		80	726-0188		Cable Tie	
35	741-0262		Fortiflex Bearing		81	749-0521		Lower Handle (Painted)	N
36	738-0213		Shld. Bolt .498 Dia. x 1.44" Lg.			749-0522		Lower Handle (Chrome)	N
37	14580		Chute Deflector	N	82	736-0160		Fl-Wash. .53 I.D. x .050 Thk.	
38	711-0717		Hinge Pin 3/16 Dia. x 3.88		83	736-0174		Spring Wash. .625 I.D. x .885 O.D. x .015	
39	732-0415		Torsion Spring		84	14590		Rear Baffle	N
40	726-0111		Push Cap .19 Rod	N	85	710-0759		Hex Bolt 5/16-18 x .62" Lg.*	
41	736-0105		Bell-Wash. .400 I.D. x .88 O.D. x .06		86	14589		Front Baffle (270)†	N
42	712-0798		Hex Nut 3/8-16 Thd.*			14554		Front Baffle (280)†	N
3	736-0329		L-Wash. 1/4" I.D.*		87	741-0180		Ball Bearing	
4	712-0798		Hex Nut 3/8-16 Thd.*		88	12894		Cable Clip	
					89	14877		Bearing Support	N

†Optional Parts

(462—Red Flake)

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important, use the appropriate color code shown above. (e.g. Red Flake Finish—14005 (462).)

NOTE: The engine is not under warranty by the mower manufacturer...If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."



Hub Caps Available

Color	Part No.
Red	731-0124
Orange	731-0254
Black	731-0354
Gray	731-0355



NOTE

The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

GRASS CATCHER Model 004 is available as optional equipment for the mower shown in this manual.



WARNING

1. The mower should not be operated without the entire grass catcher or chute deflector in place.
2. The mower should not be operated without the protective shield on the rear of the deck in place.



NOTE

Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0176.

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

ALABAMA	BIRMINGHAM	
Auto Electric & Carburetor Co.	2625 4th Ave. S.	35233
ARKANSAS	FORT SMITH	
Mity Mite Motors, Inc.	4515 S. 16th St.	72901
	NORTH LITTLE ROCK	
Sutton's Lawn Mower Shop	Rt. 4, Box 368	72117
CALIFORNIA	PORTERVILLE	
Billious	75 North D Street	93257
COLORADO	DENVER	
Spitzer Industrial Products Co.	6601 N. Washington St., Box 29114	80229
FLORIDA	JACKSONVILLE	
Radco Distributors	4909 Victor St., Box 5459	32207
	OPA LOCKA	
Small Eng. Dist.	2351 N.W. 147th St.	33054
GEORGIA	EAST POINT	
East Point Cycle & Key	2834 Church St.	30344
ILLINOIS	LYONS	
Keen Edge Co.	8615 Ogden Ave.	60534
INDIANA	ELKHART	
Parts & Sales Inc.	2101 Industrial Pkwy.	46514
IOWA	DUBUQUE	
Power Lawn & Garden Equip.	2551 J.F. Kennedy	52001
LOUISIANA	NEW ORLEANS	
Suhren Engine Co.	8330 Earhart Blvd.	70118
MARYLAND	TAKOMA PARK	
Center Supply Co.	6867 New Hampshire Ave.	20012
MASSACHUSETTS	SPRINGFIELD	
Morton B. Collins Co.	300 Birnie Ave.	01107
MICHIGAN	LANSING	
Lorenz Service Co.	2500 S. Pennsylvania	48910
	MOUNT CLEMENS	
Power Equipment Dist.	340 Hubbard	48043
MINNESOTA	HOPKINS	
Hance Distributing Inc.	420 Excelsior Ave. W.	55343
MISSISSIPPI	BILOXI	
Biloxi Sales & Service, Inc.	506 Caillavet St.	39533
MISSOURI	KANSAS CITY	
Automotive Equip. Service	3117 Holmes St.	64109
	ST. JOSEPH	
Ross-Frazier Supply Co.	8th and Monterey	64503
	ST. LOUIS	
Henzler, Inc.	2015 Lemay Ferry Rd.	63125
NEW JERSEY	BELLMAWR	
Lawnmower Parts Inc.	717 Creek Rd.	08030
NEW MEXICO	ALBUQUERQUE	
Spitzer Eng. & Parts	1023 Third St. N.W.	87103
NEW YORK	CARTHAGE	
Gamble Dist., Inc.	West End Ave.	13619

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

NORTH CAROLINA	GOLDSBORO	
Smith Hardware Co.	515 N. George St.	27530
	GREENSBORO	
Dixie Sales Company	335 N. Green	27402
OHIO	CARROLL	
Stebe's Mid-State Mower Supply	71 High St., Box 366	43112
	CLEVELAND	
Bleckrie, Inc.	7900 Lorain Ave.	44102
National Central	687 Seville Rd.	44281
Burton Supply Co.	YOUNGSTOWN	
	1301 Logan Ave., Box 929	44501
OKLAHOMA	MUSKOGEE	
Victory Motors, Inc.	605 S. Cherokee	74401
OREGON	PORTLAND	
Kenton Supply Co.	8216 N. Denver Ave.	97217
PENNSYLVANIA	HARRISBURG	
EECO Inc.	4021 N. 6th St.	17110
	PHILADELPHIA	
Thompson Rubber Co.	5222-24 N. Fifth St.	19120
	PITTSBURGH	
Bluemont Co.	11125 Frankstown Rd.	15235
	PUNXSUTAWNEY	
Frank Roberts & Sons	R.D. 2	15767
TENNESSEE	KNOXVILLE	
Master Repair Service	2000 Western Ave.	37921
	MEMPHIS	
American Sales & Service, Inc.	3035-43 Bellbrook	381
TEXAS	DALLAS	
Marr Brothers, Inc.	423 E. Jefferson	75203
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
	HOUSTON	
Bullard Supply Co.	2409 Commerce St.	77003
UTAH	SALT LAKE CITY	
A-1 Engine & Mower Co.	437 E. 9th St.	84111
VERMONT	BURLINGTON	
Vermont Hdwe. Co. Inc.	180 Flynn Ave.	05401
VIRGINIA	ASHLAND	
RBI Corp.	Lake Ridge Park, 101 Cedar Run Dr.	23005
	SEATTLE	
WASHINGTON	1414 14th Ave.	98102
Bailey's Inc.	CHARLESTON	
WEST VIRGINIA	233 Virginia St., E.	25301
Young's, Inc.	MARSHFIELD	
WISCONSIN	301 E. 29th St.	54449
Power Pac		

WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.